ABSTRACT

Cooperation management means for cooperating and managing an assembly procedure data formed by showing a combination of assembly enabled components and an assembling order thereof and a component object data for displaying the components in a virtual space as a component object; object display means for displaying the component object in the virtual space based on the component object data; coordinate data acquisition means for acquiring coordinate data of the component object displayed in the virtual space by the object display means; and element working time output means for outputting the element working time required for an assembly of the components, based on assembly procedure data related to the above objects and cooperatively managed by the cooperation means are provided.